
Meridian Digital (Modular) telephones

The Meridian Digital Telephones were introduced in 1989 as Meridian Modular Telephones. The term modular usually immediately brings to mind that the telephones use modular connections for the handset and the line cords. The intent was to signify that the Meridian 1 line of telephones included versatile functionality by providing accessories that could be added and changed in the field as well as equipped at the factory. Evergreen is a philosophy at Nortel and the modular design will continue which provides most versatility.

Meridian Digital Telephones are used to promote awareness that the Meridian 1 proprietary telephones are true digital telephones with all the advantages of digital transmission.

This chapter provides feature, add-on module, relocation, and specification information for the M2006, M2008, M2008HF, M2616, M2016S, and M2216ACD Modular telephones.

Functional description

This section provides feature and software requirement information for the M2006, M2008, M2008HF, M2616, M2016S, and M2216ACD Digital (Modular) telephones.

Note: There are two distinct versions of Digital (Modular) telephone sets—both are supported. The versions can be clearly distinguished by the first four letters in the upper left-hand corner of the model identification label on the bottom of the set. The two types are the “NTZK” models and the “NT2K” models. In addition, the two jacks face in the same direction on NT2K sets, and in opposite directions on NTZK sets. When appropriate, differences between the models are noted in this document.

Digital (Modular) telephones are designed to provide cost-effective integrated voice and data communication. These telephones communicate with the Meridian 1 using digital transmission over standard twisted-pair wiring. They interface with the Meridian 1 using the Integrated Services Digital Line Card (ISDL), QPC578 or the Digital Line Card (DLC), (NTAD02.). No additional hardware is required at the line circuit to provide data communication.

Digital (Modular) telephones are connected to the system through a two-wire loop carrying two independent 64 kbs PCM channels with associated signaling channels. One of the two PCM channels is dedicated to voice while the other is dedicated to data traffic. Line cords and handset cords on all Meridian Digital Telephones are equipped with standard modular connectors for easy and quick connecting procedures.

The telephone interfaces with the Digital Line Card (DLC) or ISDL in the Peripheral Equipment shelf of the system. The DLC supports 16 voice and 16 data ports. The ISDL supports eight voice and eight data ports. A TN is assigned to each port in the system software.

General features

Digital (Modular) telephones have the following general features:

M2006—a single-line telephone with six programmable function keys. See [Figure 1](#).

M2008/M2008HF—a multi-line telephone with eight programmable function keys. The M2008HF contains an integrated Handsfree unit. See [Figure 2](#).

M2616—a high-performance multi-line telephone with 16 programmable function keys and integrated Handsfree unit. See [Figure 3](#).

M2016S—a secure telephone (Security Group Class II approved TSG-210291030), designed to provide on-hook security. It is similar to the M2616, with 16 programmable function keys, but has no Handsfree capability.

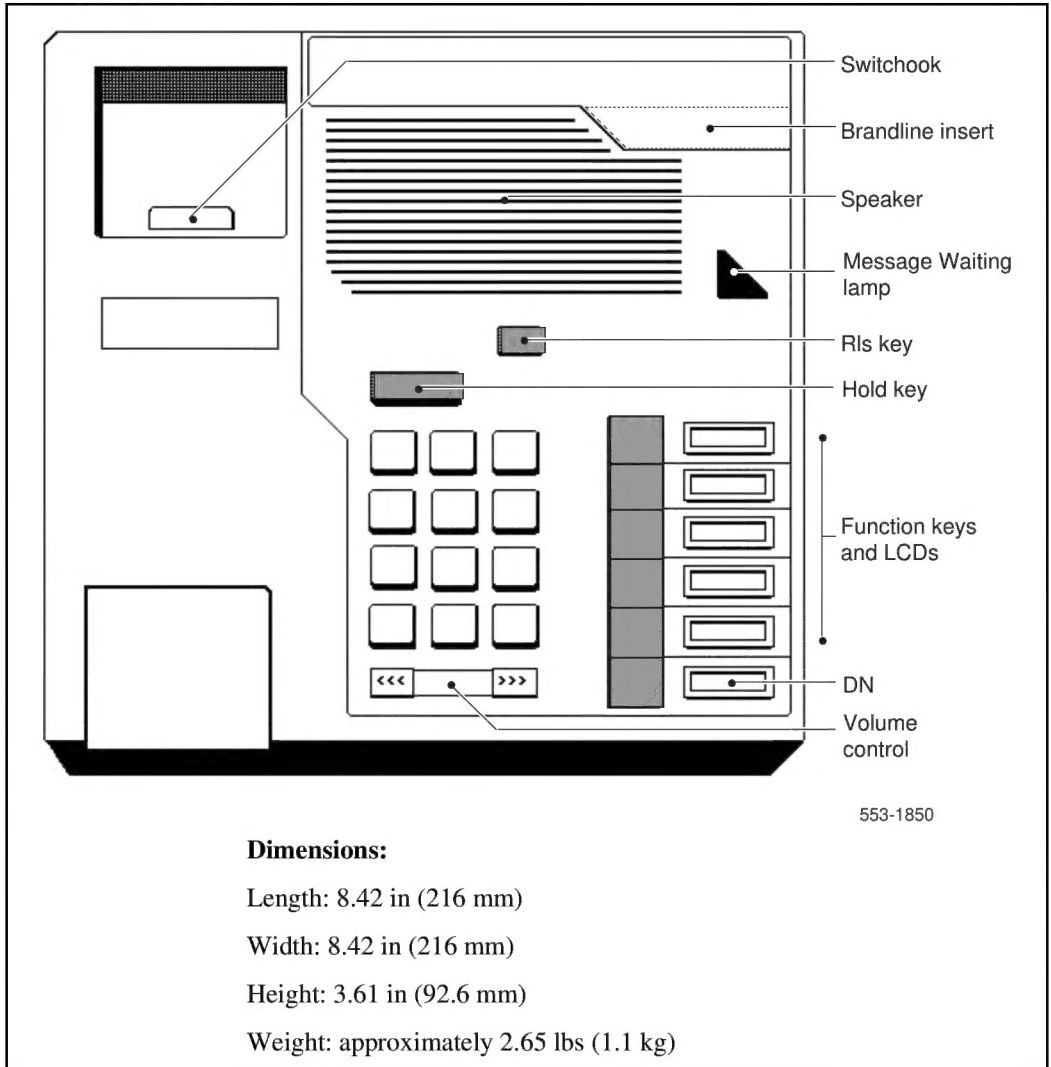
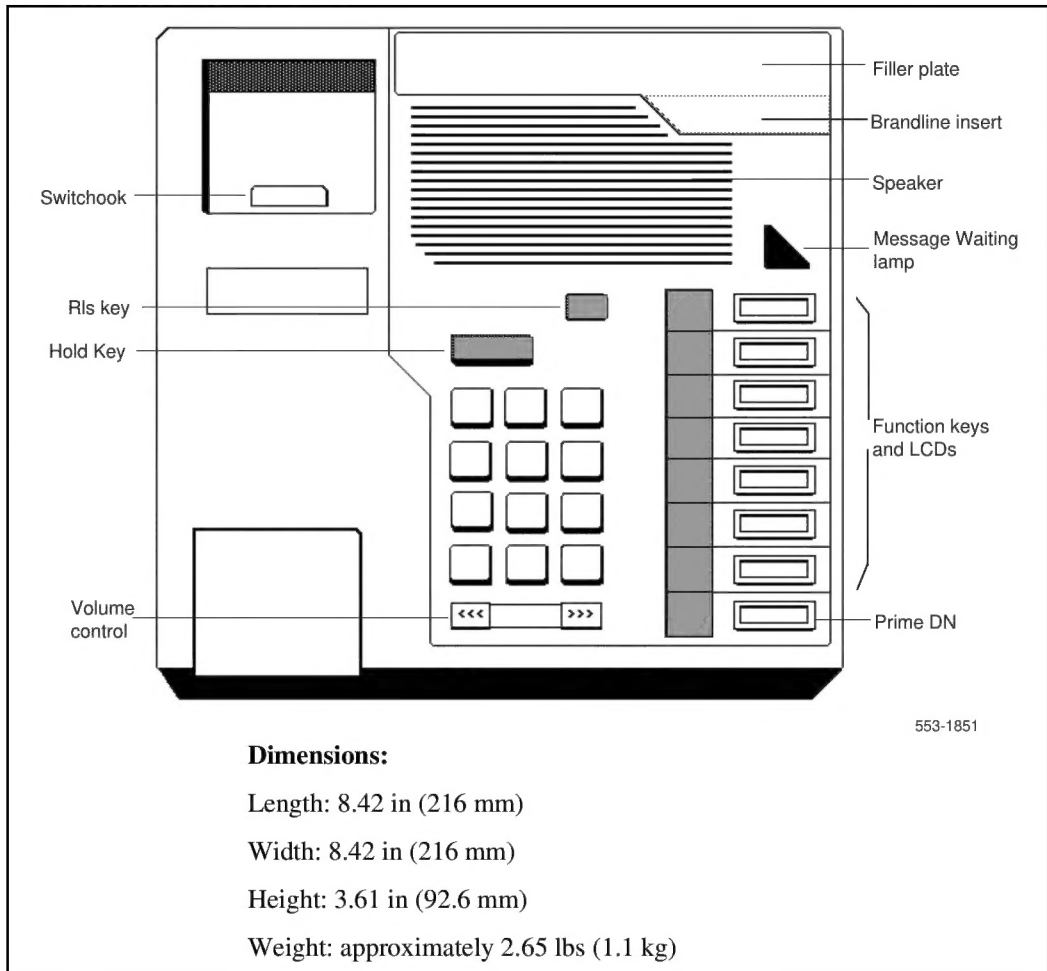
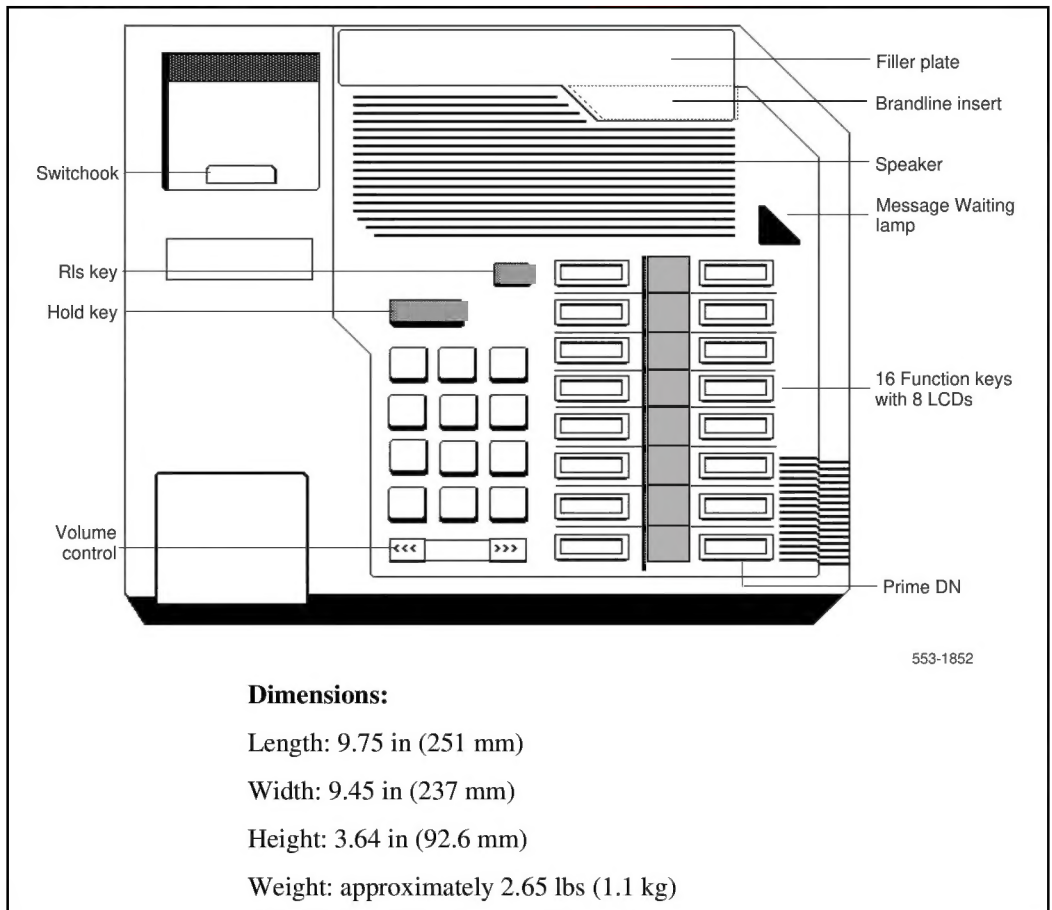
Figure 1
M2006 telephone

Figure 2
M2008/M2008HF telephone



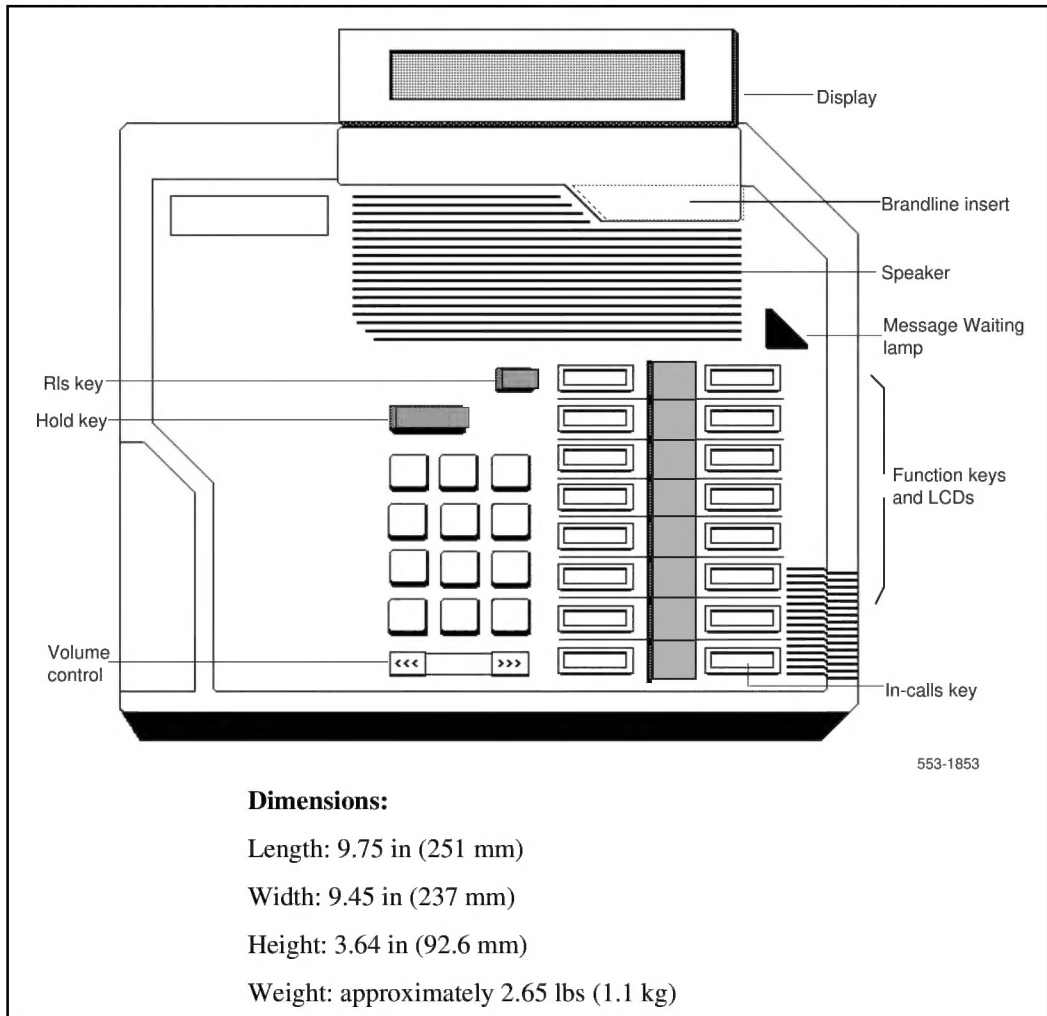
The M2016S uses relay circuitry that physically disconnects the handset from the telephone circuit when the switchhook is depressed. The red LED triangle lights steadily when the phone is not secure. (The phone is not secure when the handset is off the hook, when the phone is ringing, or whenever the handset/piezo relays are connected.) The red LED triangle blinks when a message is waiting. See [Figure 3](#).

Figure 3
M2616 and M2016S telephones



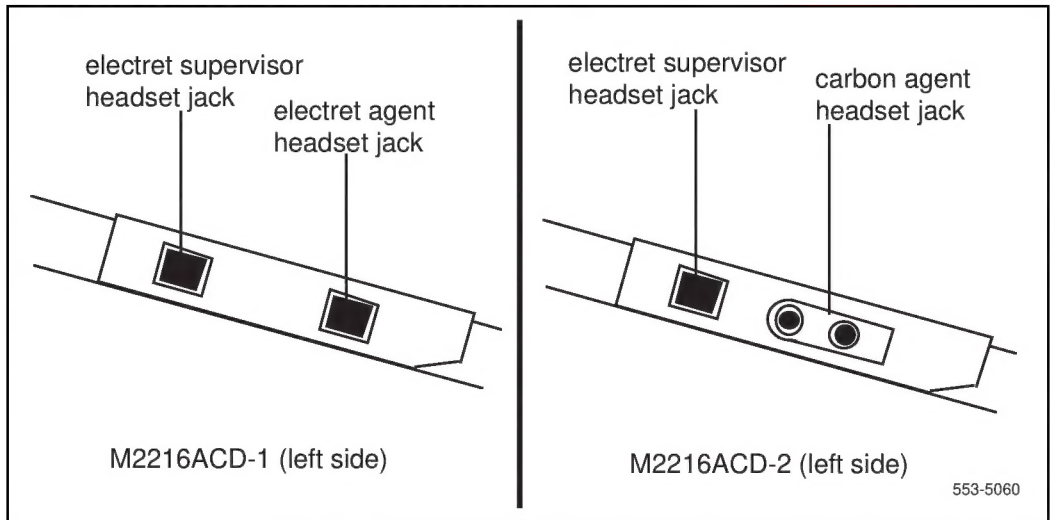
M2216ACD-1—a multi-line telephone for ACD operations See Figure 4. It has 15 programmable function keys, the Special Applications Display module, and two RJ-32 jacks for modular electret headsets. See [Figure 5](#).

Figure 4
M2216ACD-1 and -2 telephones



M2216ACD-2 (retired)— a multi-line telephone for ACD operations. It has 15 programmable function keys and the Display module. It is similar to model 1, but with one PJ-327 jack for a carbon agent headset and one RJ-32 jack for an electret supervisor headset. See [Figure 5](#).

Figure 5
M2216ACD-1 and -2 left side showing headset jacks



Note: If headset is desired, the amplified type is strongly recommended.

M2216ACD Headset interface

Using the Program key, you can adjust the headset/handset interface of the M2216ACD-1 to optimize performance.

The M2216ACD-1 is compatible with most headsets. Amplified headsets are strongly recommended. Three settings are provided:

- Interface 1 (i.e. Plantronics type)
- Interface 2 (Liberation)
- Interface 3 (Handset)

Note: It is recommended that the headset user try using their headset with each of the three settings to determine which works best for them. Trial with both internal and external calls is also recommended in each setting to determine optimum performance.

Note: When the amplified headset is used, there are two choices of volume control: the rocker control on the telephone and the switch on the headset. The settings which provide for the clearest communication with the least amount of distortion are when the amplifier has a higher setting than the telephone volume control.

The supervisor and agent jacks are not interchangeable. A headset must be plugged into the agent jack if the telephone is to receive ACD calls.

Note: Any recording device connected to the receive path of a Modular telephone must meet these requirements:

- isolate power source from the headset/handset jack
- connect in parallel across pins 3 and 4 of the handset/headset jack
- load impedance at least 8K ohms across the audio band

Physical characteristics

Fixed keys

All of the Modular telephones are equipped with the following fixed keys:

- Hold key
- Release key
- Volume control key

Volume control key Pressing the right “volume up”* or left “volume down” side of the key incrementally increases or decreases the volume for the tone or sound that is currently active.

*All Meridian Digital telephones, with the exception of the M2016S manufactured after June 1996 are compliant with the HAC volume level requirements issued by the FCC for handset volume control for the hearing impaired. The highest volume level setting provides 13.5 dB over nominal.

The volume settings are retained for subsequent calls until new volume adjustments are made. If the telephone is equipped with a Display module, volume can be adjusted at any time with the setting displayed on the screen (in Program mode).

You can adjust the volume of the following tones while they are audible:

- ringing
- Handsfree (M2008HF/M2616)
- handset/headset
- buzz
- on-hook dialing

Note: When the telephone is disconnected, all volume levels will return to default values upon reconnection.

Message Waiting lamp key Each Modular telephone has a red triangle in the upper right-hand corner that lights brightly to indicate a message is waiting. This LED is the primary message waiting indicator and lets you know a message is waiting regardless of whether the telephone has a message waiting key/lamp pair. You must have Message Waiting allowed Class of Service. See LD 11, *X11 input/output guide*.

If you do assign a message waiting key/lamp pair, there will be two indications of a message waiting:

- the red Message Waiting triangle lights
- the LCD associated with the Message Waiting key flashes

You may assign an Autodial key that dials the message center (or voice mail system) to avoid the double indication or have no key/lamp pair assigned to the message center.

The Message Waiting lamp is also used to indicate security of the M2016S. The red LED triangle lights steadily when the phone is not secure. (The phone is not secure when the handset is off the hook, when the phone is ringing, or whenever the handset/piezo relays are connected.) The red LED triangle blinks when a message is waiting.

Handsfree/Mute key (M2008HF & M2616 only) Handsfree is software assignable on the M2008HF/M2616. This allows you to talk to another party without lifting the handset. Activate Handsfree by depressing the Handsfree/Mute key (key 15, top left for M2616; key 6, below Program for M2008HF) or by selecting a DN without lifting the handset. Once Handsfree is activated, it can be deactivated by picking up the handset or by ending the call using the Release (RLs) key. If Handsfree is not software assigned, you can assign any other feature to the “Handsfree” key.

Note: Software Control - CLS Class of Service for M2008HF

The Class of Service feature consistent with M2616 Handsfree control allows system administrators to enable/disable the Handsfree option on the M2008HF (Handsfree) telephone via software. M2008HF telephones ship from the factory with a hardware jumper enabled to allow the Handsfree option for existing software releases.

Release 21.41 and later software will now override the hardware setting and default to Handsfree denied (HFD.) If the handsfree option is desired, the system administrator simply enables Handsfree via a Class of Service prompt (HFA) included on Overlay 11 programming for the M2008 telephones (consistent with M2616).

Service Change Parameters

LD 11 - Allow/Deny Handsfree for M2008HF

Prompt	Response	Description
Req:	New/Chg	
Type	M2008	Aries
CLS	(HFD)	Digital Telephone Handsfree Denied
	HFA	Digital Telephone Handsfree Allowed

MAT

X11 Release 21.41 introduces support for the Meridian M2008HF set by providing a “Class of Service” change for Overlay 11 that allows handsfree operation on set type M2008. If MAT is equipped, a patch is required for MAT Release 4.02 to support this feature. Sites running MAT Release 3 cannot be patched to support this operation. Sites with MAT Release 3 must upgrade to MAT Release 4 and obtain a patch to support M2008 handsfree operation. The patch is available from ETAS.

Handsfree operates as if an off-hook operation had been performed. For example, when the telephone is idle, pressing the Handsfree/Mute key turns on the integrated Handsfree and selects a DN (depending on line selection as assigned through COS), allowing the user to make a call. When a call comes in to an M2008HF/M2616 and the set is ringing, pressing the Handsfree/Mute key turns on the Handsfree and allows the user to answer the incoming (ringing) call (depending on COS-assigned line selection) without picking up the handset.

Features keys

Each modular telephone has a number of programmable keys with LCD indicators that can be assigned to any combination of directory numbers and features (only one DN for the M2006). The lower right-hand key (key 0) is reserved for the Primary DN.

Note 1: When equipped with a Display module, Meridian Communications Adapter (MCA), or Meridian Programmable Data Adapter (MPDA), key 07 is automatically assigned as the Program key and cannot be changed. Key 05 becomes the Program key on the M2006 if equipped with the MCA or MPDA.

See “Data options” on page 99 for more information on the MCA and MPDA.

Note 2: The M2006 is a single-line telephone and accepts only one DN. The remaining five key/lamp pairs can be assigned any feature that is not considered a DN, such as Transfer, Call Forward, or Conference. Features that cannot be assigned are those that are considered DNs: Voice Call and two-way Hot Line, for example. Attempting to assign more than one DN to the M2006 causes the telephone to disable itself and all LCDs light steadily. It will return to its normal operating state when service change removes all secondary DNs.

LCD indicators support four key/LCD states:

Function	LCD state
idle	off
active	on (steady)
ringing	flash (60 Hz)
hold	fast flash (120 Hz)

* An indicator fast flashes when you have pressed a feature key but have not completed the procedure necessary to activate the feature.

Data Options

See “Data options” on page 99 for more information on the MPDA and MCA.

Software requirements

Modular telephones are supported by X11 release 14 and later software. The option number for the Modular telephones is 170. The mnemonic is ARIE. The DSET package (88) and the TSET package (89) are required.

Modular options

This section describes the modular options available for Modular telephones.

[Table 1](#) lists the features and optional hardware available for each telephone.

Table 1
Hardware features and options

	M2006	M2008/ M2008HF	M2616	M2016S	M2216 ACD-1	M2216 ACD-2
Programmable keys	6	8	16	16	15	15
Handsfree microphone		standard on the HF	standard			
Optional hardware available:						
Display		x	x		standard	standard
Key Expansion Module			x		x	x
Meridian Communications Adapter (MCA)	x	x	x		x	x
Meridian Programmable Data Adapter (MPDA)	x	x	x		x	x
External alerter interface	x	x	x		x	x
Analog Terminal Adapter (ATA)	x	x	x		x	x
Brandline insert	x	x	x	x	x	x
Note: In this table, x indicates available features for the telephone type listed in the top row.						

Note: If the telephone is equipped with a Display, Meridian Programmable Data Adapter, or Meridian Communications Adapter, the number of programmable keys is reduced by one, as key 07 (key 05 on M2006) automatically assumes the Program function.

For installation information, see *Telephone and attendant console installation* (553-3001-215). See “Data options” on page 99 for more information on the MPDA and MCA.

Display module

A two-line (24 characters per line) Display module provides system prompts, feedback on active features, and valuable calling party information. In addition, you can modify various telephone features such as volume and screen contrast using the Program key (top right function key). You can enable a Call Timer, which times calls made or received on the prime DN.

Note: The display module is not supported on the M2006.

The displays previously available (NT2K24WA, NT2K25YL, and others) have been replaced by display NT2K28xx which eliminates a daughter board. Two new screens have also been added to support ACD applications:

- Logged Out
- Not Ready

Note: It is possible to adjust the Display screen contrast so that it is too light or too dark to read. If you cannot read the Display, disconnect and then reconnect the line cord to return to the default settings.

Program key

The Program key is automatically assigned to Modular telephones with Display, Meridian Communications Adapter (MCA), or Meridian Programmable Data Adapter (MPDA) added. You can change a variety of display features such as screen format, contrast, and language. It also lets you change data parameters, such as transmission speed and parity, on the MPDA and MCA (if equipped).

The upper right-hand key (key 05 on the M2006 and key 07 on all others) automatically becomes the Program key when Display, MCA, or MPDA is configured with the telephone. The Program key is local to the telephone and shows blank when you print key assignments in LD 20.

See “Data options” on page 99 for descriptions of the MCA, MPDA and ATA and their requirements.

External Alerter interface

The External Alerter Board provides an interface to standard remote ringing devices, such as a ringing unit installed in a location separate from the telephone. The External Alerter interface is not the remote ringer itself, but provides access to standard, off-the-shelf remote ringing devices. The Alerter Board requires additional power. See [“Power requirements” on page 24](#).

You can program the External Alerter interface to activate a ringer (or light) when the telephone rings or when the telephone is in use (off-hook).

For information on installing and setting up the External Alerter, see “Add-on modules” in *Telephone and attendant console installation* (553-3001-215).

Key Expansion Module

A modular 22-key unit can be attached to any 16-key Modular telephone except M2016S. See [Figure 6](#). The extra keys can be assigned to any combination of lines and features. You can add up to two expansion modules to 16-key telephones, providing a total of 60 line/feature keys. You will need a separate footstand for the module(s), one for a single module, one for a double. See [“Ordering information” on page 31](#). The expansion module may require additional power. See [“Power requirements” on page 24](#).

The Key Expansion Module connects to the telephone through a cable running from the base of the telephone. It is physically connected to the telephone by the footstand. NT2K22VH or later vintage key lamp modules are required for CISPR22, Class B compliance.

Brandline insert

The filler plate on the telephone or Display module contains a removable insert designed to accommodate custom labeling. You can order blank Brandline Inserts and have a printer silk screen your company logo on them. Brandline Inserts snap easily into and out of the filler plate.

M2006/M2008/M2008HF/M2216ACD/M2616 telephones

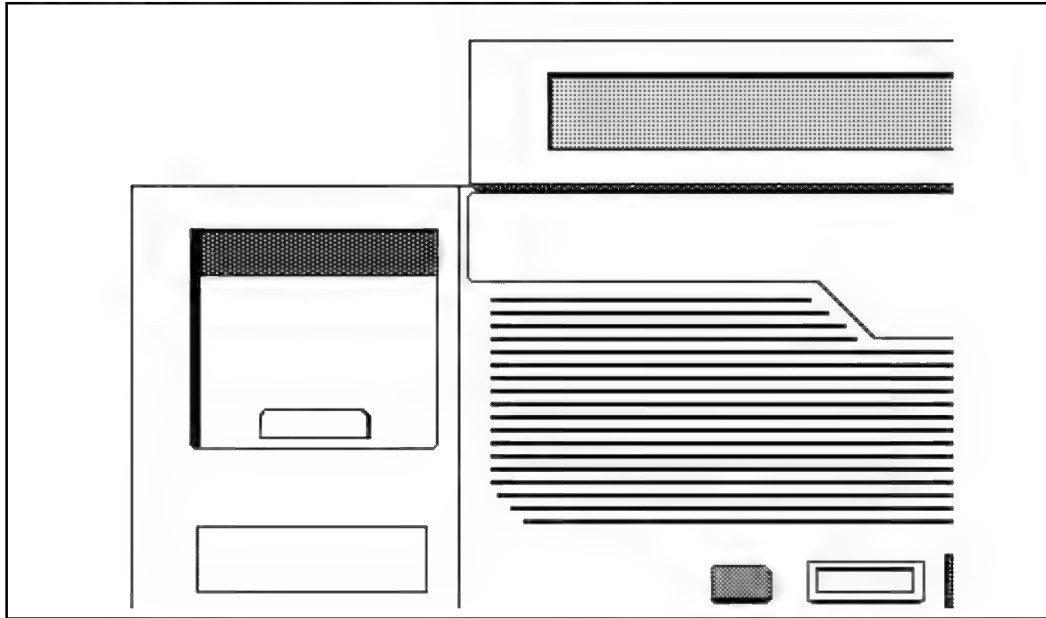
You can use an electret headset in the handset port of the M2006, M2008, M2008HF, M2616, and M2216ACD telephones. The amplifier must draw less than 400 micro amps from the telephone jack.

The headset should be designed to work with a telephone jack with these characteristics:

Transmit interface: +5 V through 10K DC bias resistance with maximum current of 500 micro amps. The differential input impedance is 10K ohms. Connects to pins 2 and 5 of the handset jack.

Receive interface: single ended output with output impedance of 180 ohms. Connects to pins 3 and 4 of the handset jack.

Figure 6
M2616 with Display module and Key Expansion module



Modular telephone relocation

This section describes how to relocate a Modular telephone and its associated dataport Terminal Number (TN) without the intervention of a craftsman.

Modular Telephone Relocation is designed specifically for the Modular terminals and is an enhancement to Automatic Set Relocation. If dataport TN information exists for the terminal, it is automatically relocated when the telephone is relocated.

When a telephone is relocated-out, a relocation block is built to store the relocation information in the protected data area. The relocation block includes the old TN, the terminal ID information, the serial number of the telephone, and other information.

This feature uses the unique serial number and terminal ID of the Modular terminal sets to identify the terminal being relocated and to reduce the number of manual steps needed for relocation.

See Automatic Set Relocation in *X11 features and services* (553-3001-305) for complete details.

How to relocate a Modular telephone

- 1** Go off-hook, receive dial tone, and enter Relocation Code (either SPRE +81 or Flexible Feature Code).
- 2** Enter optional security code as defined in OVL 15 (a burst of tone confirms that the telephone is relocated-out).
- 3** Take it to the new location and plug it in (a confirmation buzz from the speaker indicates the telephone is in service).

Specifications

This section lists the specifications required for Modular telephones.

Environmental and safety considerations

All digital telephones and their associated options meet the requirements of the Electronic Industries Association (EIA) specification PN-1361.

Temperature and humidity

Operating state:

Temperature range	0° to 50°C (32° to 104°F)
Relative humidity	5% to 95% (noncondensing). At temperatures above 34°C (93°F) relative humidity is limited to 53 mbar of water vapor pressure.

Storage:

Temperature range	–50° to 70°C (–58° to 158°F)
Relative humidity	5% to 95% (noncondensing). At temperatures above 34°C (93°F) relative humidity is limited to 53 mbar of water vapor pressure.

Electromagnetic interference

The radiated and conducted electromagnetic interference meets the requirements of Subpart J of Part 15 of the FCC rules for class A computing devices.

NT2K model sets with all options meet CISPR22, Class B requirements.

Local alerting tones

Each telephone provides four alerting tones and a buzz sound. The system controls the ringing cadence by sending tone-ON and tone-OFF messages to the telephone. The alerting tone cadences cannot be changed from the telephone but can be altered for individual Modular telephones by software controlled adjustments in the system. See *X11 input/output guide*. All other telephony tones, such as dial tone or overflow, are provided by the Meridian 1 from a Tone and Digit Switch.

Alerting tone characteristics

The tone frequency combinations are as follows:

Tone	Frequencies	Warble Rate (Hz)
1	667 Hz, 500 Hz	5.2
2	667 Hz, 500 Hz	2.6
M2006/M2008/M2008HF:		
3	1600 Hz, 2000 Hz	5.2
4	1600 Hz, 2000 Hz	2.6
M2016S/M2616/M2216ACD:		
3	333 Hz, 250 Hz	5.2
4	333 Hz, 250 Hz	2.6

A 500 Hz buzz signal is provided for incoming call notification while the receiver is off-hook.

Line engineering

Modular telephones use twisted pair wiring on transmission lines selected by the rules given in *Digital telephone line engineering* (553-2201-180). The maximum permissible loop length is 3500 ft. (1067 m), assuming 24 AWG (0.5 mm) standard twisted wire with no bridge taps. A 15.5 dB loss at 256 kHz defines the loop length limit. (Longer lengths are possible, depending on the wire's gauge and insulation.) [Table 2](#) gives detailed information on loop lengths.

Table 2
Loop lengths for digital telephones

	QPC578 A and B	QPC578 C +	NT8D02
PVC insulated cable (polyvinyl chloride)			
22 or 24 AWG	100–3000 ft. (30.5–915 m)	0–3500 ft. (0–1067 m)	0–3500 ft. (0–1067 m)
26 AWG	100–2100 ft. (30.5–640 m)	0–2600 ft. (0–945 m)	0–2600 ft. (0–793 m)
Note 1: No bridge taps or loading coils are allowed.			
Note 2: Effect of line protector at MDF reduces loop length by 500 ft.			

Note: Use only the line cord provided with the Modular telephone. Using a cord designed for other digital telephones could result in damage to the cord/loss of set functionality.

Power requirements

The M2006, M2008, M2008HF, M2616 (basic configuration and with Display module), and M2216ACD-1 are loop powered. Loop power, originating in the ISDL or the DLC, consists of a 30 V dc power source and assumes a 3500 ft. (1219 m) maximum loop length of 24 AWG (0.5 mm) wire and a minimum 15.5 V dc at the telephone terminals.

Note: The loop length limit is defined by a 15.5 dB loss at 256 KHz. Longer lengths can be determined using the wire's gauge and insulation.

The Handsfree feature, which is integrated into the M2008HF/M2616, requires no additional power.

Some configurations of telephones and options need more than basic loop power to operate. [Table 3](#) lists the types of Modular telephones for NTZK telephones (Table 4 for NT2K telephones) and shows when additional power is needed to operate the telephone or its optional hardware. Power Supply Boards come installed in factory-assembled configurations that require additional power.

Note 1: If a power failure occurs, configurations that require loop power will continue to work only if the system has battery backup. Only those options that require additional power will cease to function.

Note 2: During a power failure, the carbon agent headset on the M2216ACD-2 will fail and the electret supervisor's jack can be used as an agent jack. If no headset is plugged in to the electret jack during power failure, the call is dropped, and the agent is logged off and must log in again once the electret headset is plugged in. When power is restored, the carbon jack returns automatically. Power supply board

The power supply option consists of a power supply board that mounts inside the telephone, coupled with an external wall-mount transformer or closet power supply that provides power to the power supply board. The power supply board receives its power through pins 1 and 6 of the line cord.

Table 3**NTZK model Power requirements, Meridian Digital (Modular) Telephone sets**

Telephone type	Loop power	Additional power (Power Supply Board)
M2006	Basic configuration	MPDA, External Alerter Interface, MCA (optional),
M2008	Basic configuration	Any option(s)
M2616	Basic configuration (with Handsfree) and Display.	MPDA, Key Expansion Module, External Alerter Interface, MCA (optional)
M2016S	N/A	Basic Configuration
M2216ACD-1	Basic configuration (with Display)	MPDA, Key Expansion Module, External Alerter Interface, MCA (optional)
M2216ACD-2	N/A	Any configuration

Table 4**NT2K model Power requirements, Meridian Digital (Modular) Telephone sets**

Telephone type	Loop power	Additional power (Power Supply Board and Transformer)
M2006	Basic configuration	Any option(s)* (MPDA, External Alerter Interface, MCA)
M2008/M2008HF	Basic and Display configurations	MPDA, External Alerter Interface
M2616	Basic, Display, and Handsfree configurations and Key Expansion Module(s)	MCA, MPDA, External Alerter Interface, MCA
M2016S	N/A	Basic configuration
M2216ACD	Basic configurations (with Display) Key Expansion Module(s).	MPDA, Key Expansion Module, External Alerter Interface, MCA
*No display can be added to the M2006 set.		

When installing an MCA or MPDA to NTZK or NT2K phone sets with a date code prior to January 1998 a Power Option board is required, along with an additional power source.

When installing an MCA in an NT9K phone set or an NT2K with date code of January 1998 you will only install the MCA (an additional Power Option board and Jumper board is not required).

The power supply board connects to the telephone through a 14-pin bottom entry connector.

Refer to [Table 3](#) and [Table 3](#) for power supply board requirements.

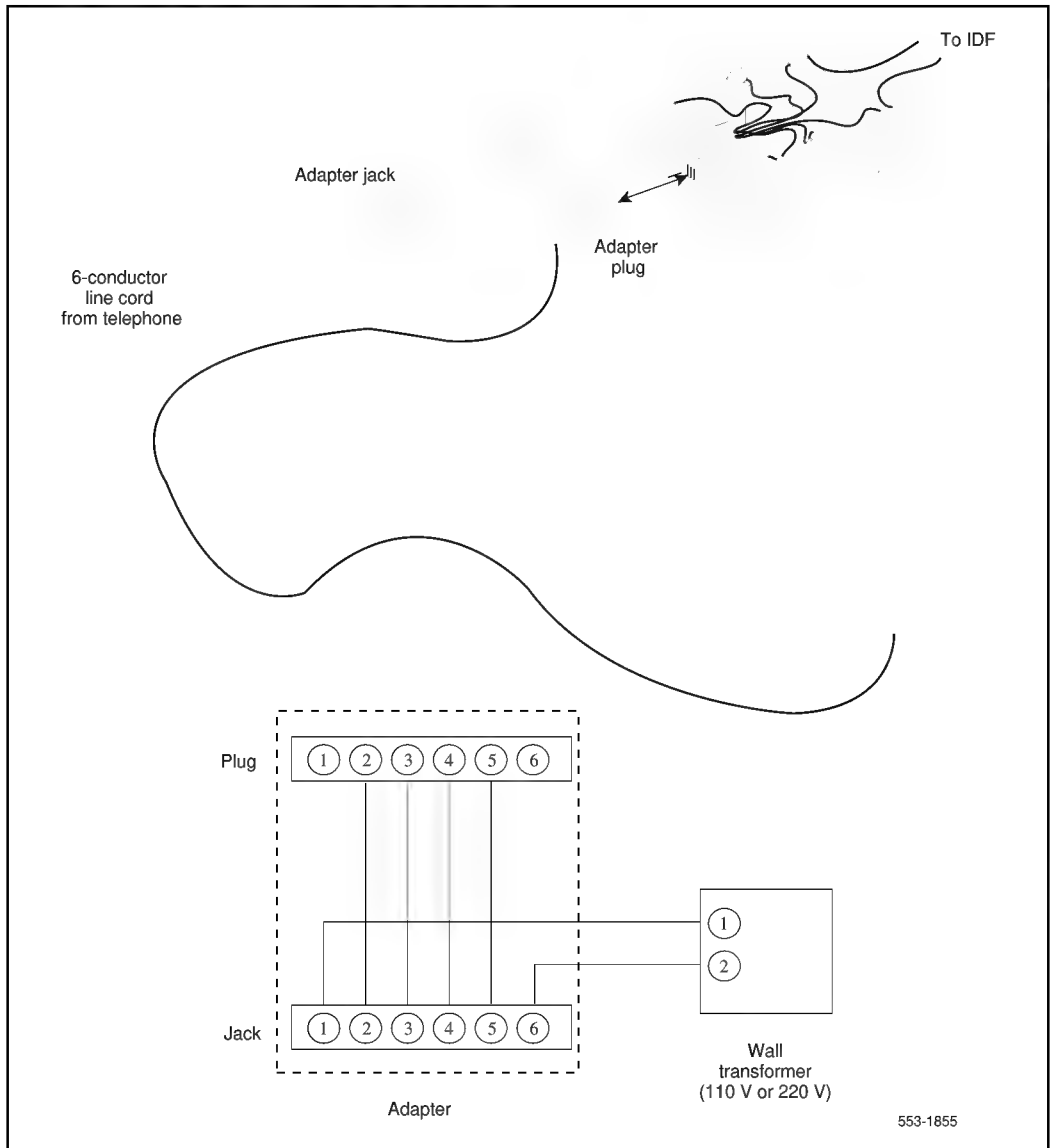
Local plug-in transformer (A0367335)

A single winding transformer equipped with a 10 ft. (3 m) cord of 22 AWG two-conductor stranded and twisted wire with a modular RJ-11 duplex adapter can provide the additional power needed to operate the telephone and its options. (See [Figure 7](#)).

CAUTION

Do not plug any equipment (computer, modem, or LAN card) other than the Modular telephone into the RJ-11 transformer adapter, as damage to equipment may result.

Figure 7
Configuration of local plug-in transformer



120 V transformer (AO367335 or equivalent) The following minimum specifications must be met by this transformer:

Input voltage	120 V ac/60 Hz
No load output voltage	29 V ac maximum
Voltage at rated current	26.7 V ac minimum
Rated load current	700 mA

240 V transformer (AO367914 or equivalent) The following minimum specifications have to be met by this transformer:

Input voltage	240 V ac/50 Hz
No load output voltage	29 V ac maximum
Voltage at rated current	26.7 V ac minimum
Rated load current	700 mA

Note 1: You cannot wall mount the telephone over the wall jack when using a transformer because of the size of the RJ-11 adapter. Hang it above or to the side of the jack and run the line and power cords to it.

Note 2: The above-mentioned transformers can also used with outlets identified as 110V or 220V.

Closet Power Supply

Closet power can be obtained from an AC transformer for loops of 100 ft. (30 m) or less, or a DC transformer for loop lengths of 650 ft. (198 m) or less. An equivalent power source can be used but must be UL listed to provide isolation of outputs to the terminal. See [Figure 8](#).

CAUTION

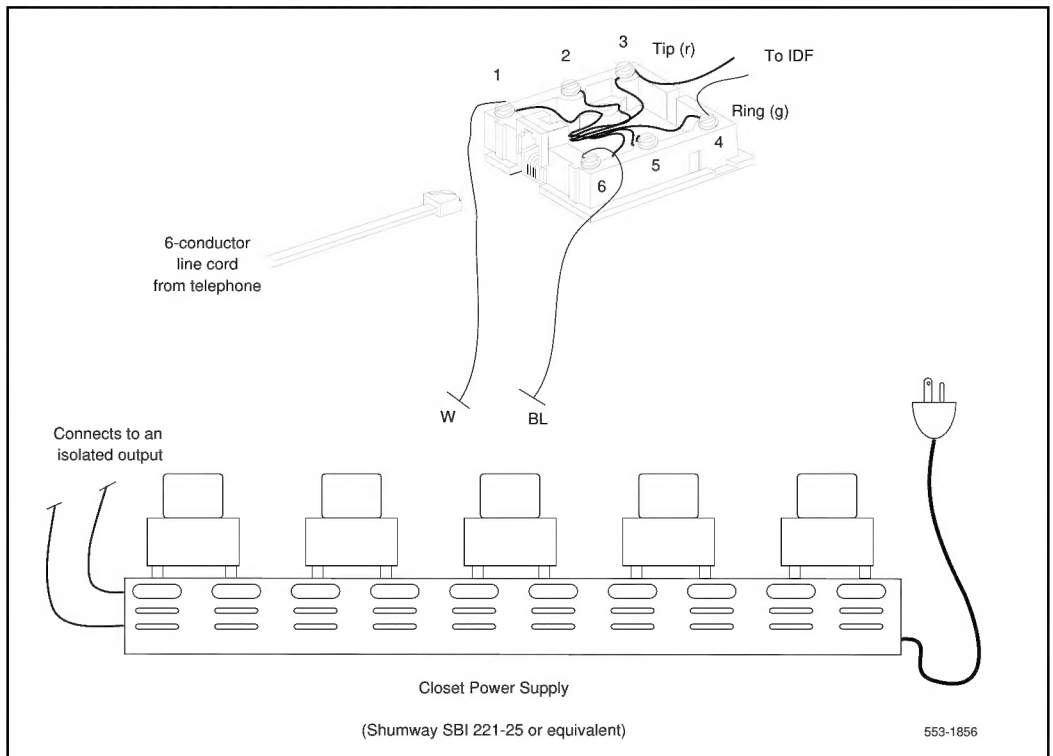
When using closet power, do not plug the modular connector into any equipment (computer, modem, or LAN card) other than the Digital (Modular) telephone, as damage to equipment may result.

Note 1: All terminals must be isolated from the input winding and each terminal must be isolated from all other terminal windings. A separate winding is required for each terminal, and grounds should not be connected.

Note 2: The QUT1 closet power supply source is not compatible with Modular telephones.

The AC source should be rated at 29 V ac, 700 mA isolated. The DC source should be rated at 42 V dc, 300 mA isolated, with current limiting output of 1 amp.

Figure 8
Closet Power Supply configuration



Handsets

This section provides ordering information for Digital (Modular) telephone handsets.

Table 5
Order codes for new handsets for Meridian Digital (Modular) Telephone sets, model NT2K

Description	Order Code
Legacy handset, Black	NT0C09EA03
Legacy handset, Ash	NT0C09EA35
Legacy handset, Gray	NT0C09EA93
Note: Handsets designed for NT2K sets (Global handset) will not meet product transmission/reception specifications if used with NT2K sets.	

Table 6
Order codes for new handsets for Meridian Modular Telephone sets, model NT2K

Description	Order Code
Global handset, Black	NT0C09EK03 / A0400786
Global handset, Ash	NT0C09EK35 / A0400787
Global handset, Gray	NT0C09EK93 / A0400790
Note 1: Handsets designed for NT2K sets (Legacy handset) will not meet product transmission/reception specifications if used with NT2K sets.	
Note 2: Noisy Location, Push-to-Talk, Push-to-Mute, and Mercury Switch handsets will not meet product transmission/reception specifications if used with NT2K sets.	
Note 3: Global handsets are not compatible with M1250 or M2250 (AE or current AF versions) telephones.	

Ordering information

Refer to the Northern Telecom price book, or contact your Northern Telecom representative for specific ordering codes.

Table 1, “Hardware features and options,” on page 16 lists the hardware options that you can purchase separately.

For ordering configurations for Meridian Modular telephones and accessories, see the current price book.

See *Meridian 1 equipment identification* (553-3001-154) for more information.

